

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672550

Luminaire Tested: **CCP-SA-2C-740-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672550
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-740-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ
distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

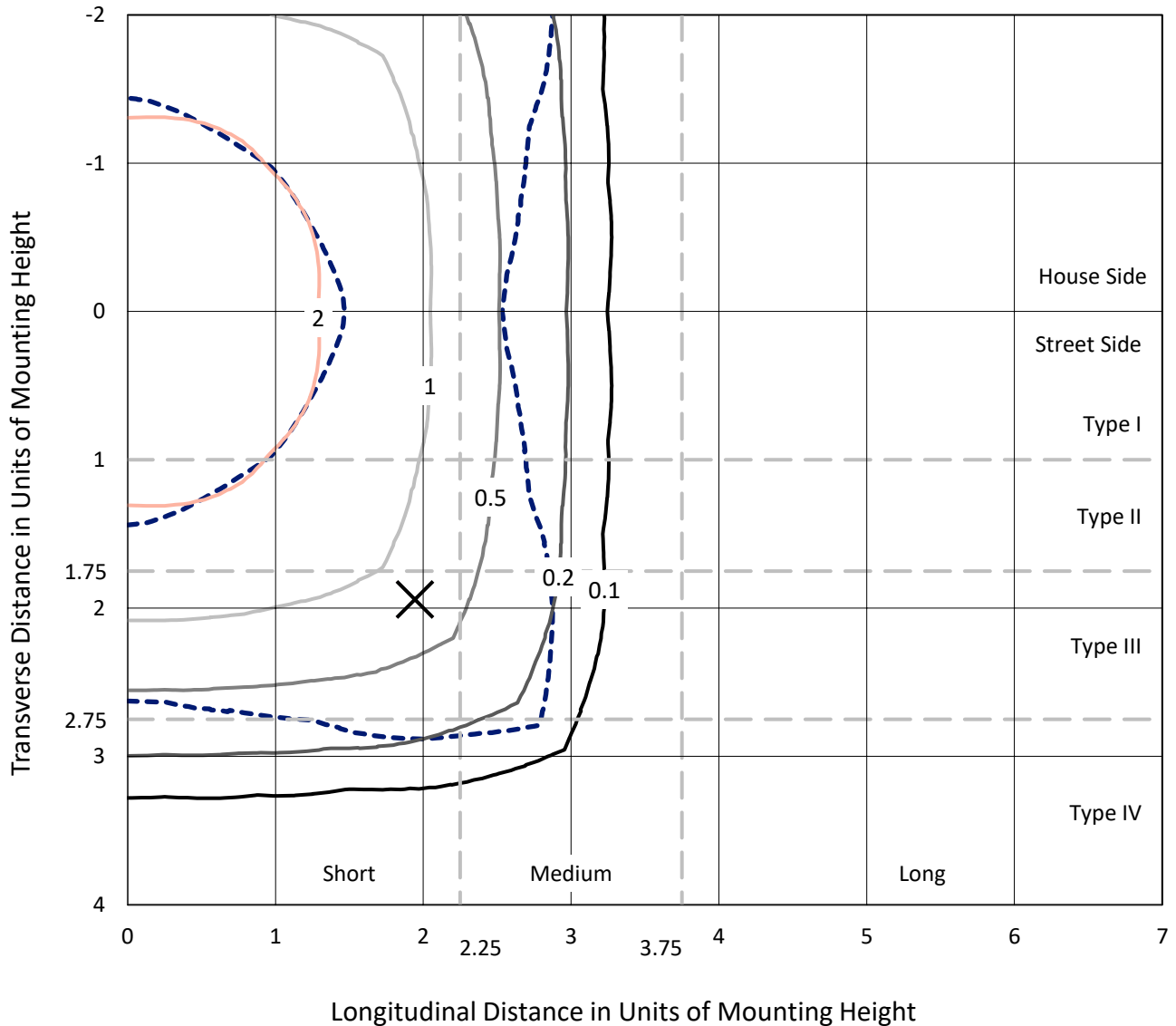
Lumens per Lamp: N/A
Luminaire Lumens: 9333.1 lumens
Efficiency: N/A
Efficacy: 150.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

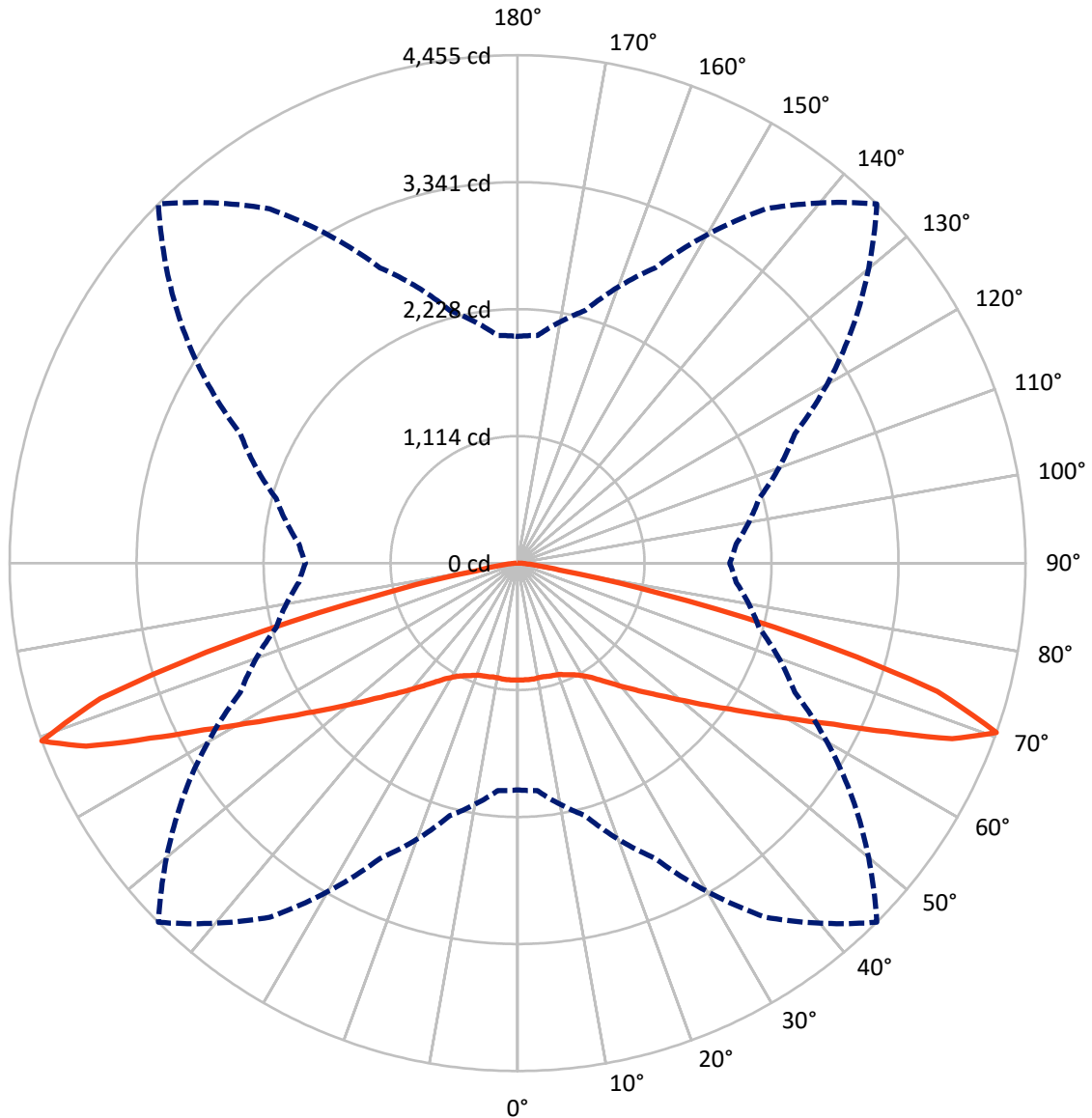
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4666.5	0.0	4666.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4666.5	0.0	4666.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9333.1	0.0	9333.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.6	1.0
10°-20°	288.9	3.1
20°-30°	493.4	5.3
30°-40°	787.4	8.4
40°-50°	1270.6	13.6
50°-60°	2034.6	21.8
60°-70°	2978.6	31.9
70°-80°	1310.0	14.0
80°-90°	71.8	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9333.1	100.0
0°-180°	9333.1	100.0



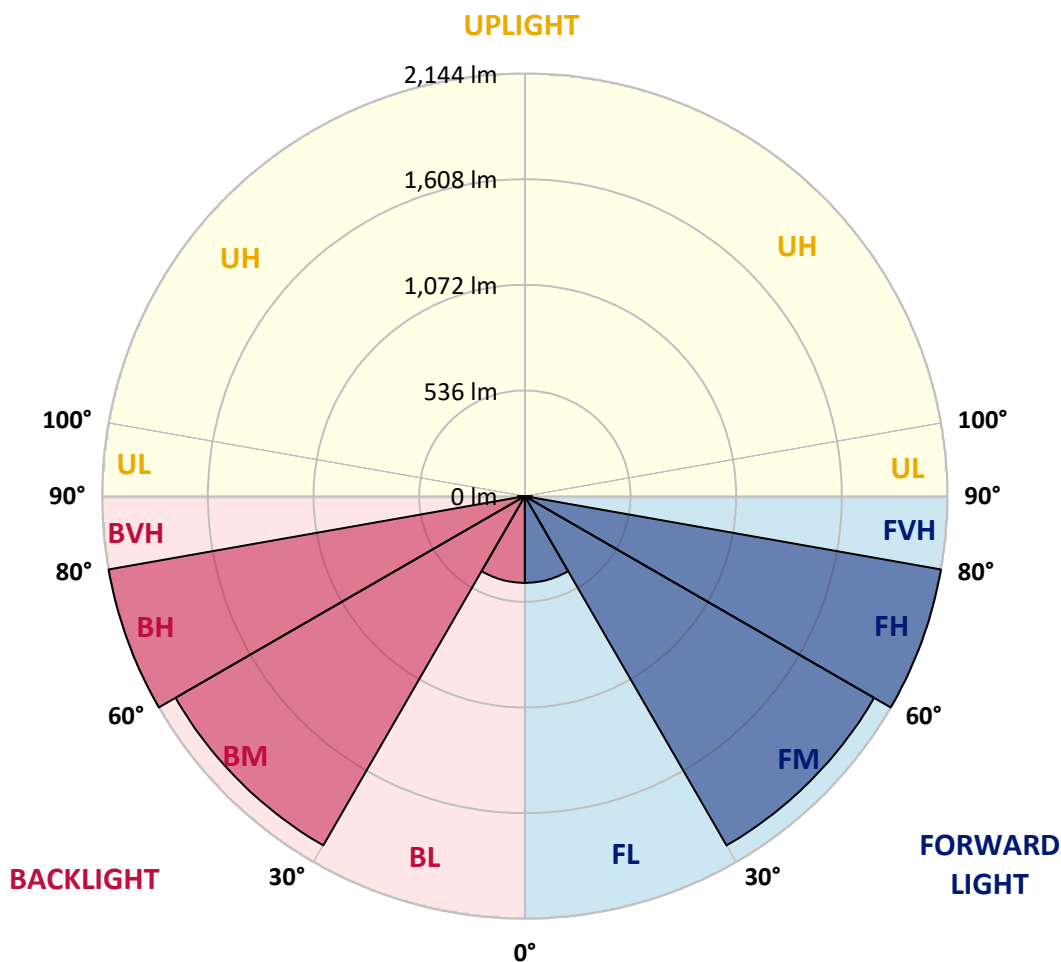
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	440.0	4.7			
FM (30°-60°)	2046.3	21.9			
FH (60°-80°)	2144.3	23.0			G2/5000
FVH (80°-90°)	35.9	0.4			G1/100
BL (0°-30°)	440.0	4.7	B1/500		
BM (30°-60°)	2046.3	21.9	B2/2500		
BH (60°-80°)	2144.3	23.0	B3/2500		G2/5000
BVH (80°-90°)	35.9	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1026.3	1026.3	1026.3	1026.3	1026.3	1026.3	1026.3	1026.3	1026.3	1026.3	1026.3
2.5°	1025.0	1024.3	1025.7	1026.3	1025.0	1025.7	1021.7	1021.7	1023.7	1021.7	1024.3
5°	1029.6	1028.3	1029.6	1029.6	1026.3	1026.3	1021.7	1020.4	1021.7	1018.4	1021.0
7.5°	1030.3	1027.7	1029.6	1029.0	1026.3	1026.3	1019.7	1017.1	1017.7	1014.4	1016.4
10°	1023.7	1022.4	1025.0	1023.7	1021.7	1021.7	1016.4	1012.4	1012.4	1009.1	1011.1
12.5°	1019.7	1018.4	1021.7	1022.4	1021.0	1021.7	1015.1	1009.8	1007.8	1003.8	1005.2
15°	1019.7	1017.1	1022.4	1023.7	1025.0	1029.6	1019.7	1010.5	1006.5	1001.2	1002.5
17.5°	1019.1	1017.7	1023.7	1028.3	1029.6	1034.9	1023.7	1013.8	1009.1	1001.2	1002.5
20°	1019.1	1018.4	1025.7	1034.3	1038.2	1042.9	1031.0	1021.7	1013.8	1005.2	1005.2
22.5°	1022.4	1021.7	1031.6	1044.2	1055.4	1063.4	1049.5	1034.3	1023.7	1012.4	1011.1
25°	1036.2	1034.9	1046.8	1062.0	1077.3	1085.2	1071.3	1056.1	1040.9	1028.3	1027.0
27.5°	1064.7	1064.0	1075.9	1094.4	1105.0	1111.0	1099.1	1085.8	1070.6	1056.1	1055.4
30°	1103.0	1103.0	1118.3	1137.4	1143.4	1148.0	1136.1	1126.8	1111.0	1095.1	1093.8
32.5°	1149.3	1152.0	1169.8	1191.0	1195.0	1197.6	1185.0	1179.1	1161.9	1144.7	1142.1
35°	1210.2	1210.8	1232.7	1253.8	1259.1	1261.8	1247.2	1241.9	1226.0	1207.5	1203.6
37.5°	1287.5	1285.6	1306.1	1329.9	1335.2	1338.5	1326.6	1322.6	1302.8	1284.2	1278.3
40°	1374.2	1375.5	1398.6	1421.1	1424.4	1425.8	1419.8	1413.8	1395.3	1374.2	1366.9
42.5°	1474.7	1474.7	1501.8	1528.3	1528.3	1521.6	1519.0	1517.7	1499.8	1476.0	1468.1
45°	1589.8	1591.1	1624.8	1644.6	1646.0	1628.1	1630.8	1638.7	1621.5	1591.1	1580.5
47.5°	1716.1	1718.0	1757.7	1779.5	1775.6	1752.4	1767.0	1770.9	1751.1	1712.1	1698.2
50°	1849.0	1854.9	1899.2	1937.6	1932.3	1898.6	1917.8	1919.1	1886.7	1841.7	1822.5
52.5°	1992.5	2006.4	2065.2	2106.2	2111.5	2069.2	2085.7	2084.4	2042.7	1981.2	1968.7
55°	2170.4	2178.3	2236.5	2294.7	2314.5	2262.3	2280.8	2271.5	2215.3	2145.2	2124.1
57.5°	2348.3	2360.2	2434.9	2500.4	2540.0	2495.7	2499.7	2475.9	2405.1	2320.5	2309.9
60°	2559.2	2564.5	2647.2	2732.5	2801.2	2774.8	2756.3	2706.7	2623.4	2538.7	2523.5
62.5°	2731.8	2742.4	2865.4	2991.0	3107.4	3112.1	3055.8	2981.8	2848.9	2707.3	2676.9
65°	2779.4	2796.6	2969.2	3217.2	3459.2	3567.0	3412.9	3186.8	2889.9	2676.3	2630.6
67.5°	2557.9	2591.0	2837.6	3249.6	3786.6	4110.0	3697.3	3089.6	2674.9	2425.6	2382.0
70°	1989.2	2003.7	2293.4	2858.8	3791.9	4455.1	3582.9	2682.9	2192.9	1925.0	1860.9
72.5°	1056.7	1064.0	1325.2	1925.0	3085.6	3848.7	2960.6	1877.4	1290.8	1047.5	974.1
75°	341.2	350.5	456.3	788.3	1702.2	2586.3	1745.8	781.0	445.1	359.1	339.9
77.5°	173.9	173.3	192.4	253.9	572.7	1267.7	605.7	273.8	192.4	172.6	167.3
80°	108.5	106.5	121.0	138.9	200.4	370.3	217.6	153.4	121.7	104.5	103.8
82.5°	61.5	61.5	81.3	89.3	113.1	152.8	127.0	105.1	83.3	62.2	60.2
85°	34.4	30.4	50.9	56.2	64.8	75.4	77.4	68.1	56.2	34.4	35.7
87.5°	12.6	13.9	23.8	22.5	25.8	17.9	31.7	35.7	31.7	16.5	13.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)